

CLAIMS

What is claimed is:

1. An information storage medium for storing multi-angle motion picture data thereon, comprising:
motion picture data for different angles which are interleaved with respect to each other, wherein motion picture data for each angle has a plurality of access points through which motion picture data for another angle is connectedly and successively reproduced; and
information on the access points provided in a separate area from that of the interleaved motion picture data.
2. The medium according to claim 1, wherein the access points correspond to boundaries of interleaved units of the interleaved motion picture data.
3. The medium according to claim 1, further comprising characteristic information corresponding to the motion picture data for different angles, the characteristic information comprising the information on the access points.
4. An information storage medium for storing multi-angle motion picture data thereon, comprising:
motion picture data for different angles which are divided and interleaved with respect to each other in interleaved units; and
information for accessing from an interleaved unit of motion picture data for an angle to a next interleaved unit of the motion picture data for the angle and/or for accessing from an interleaved unit of motion picture data for an angle to a corresponding next interleaved unit of motion picture data for another angle, provided in a separate area from that of the interleaved motion picture data.
5. The medium according to claim 4, further comprising characteristic information corresponding to the motion picture data for different angles, the characteristic information comprising the information on the access points.
6. An information storage medium for storing multi-angle motion picture data corresponding to a motion picture, comprising:
clip audio-video (AV) streams corresponding to motion picture data for different angles, which are interleaved with respect to each other; and

information on jumping-points of the clip AV streams provided in a separate area from that of the interleaved clip AV streams, wherein the jumping-points are access points through which the motion picture is reproduced from one angle to another angle.

7. The medium according to claim 6, wherein the jumping-points correspond to boundaries defining units of the interleaved clip AV streams.

8. The medium according to claim 6, further comprising a plurality of clip information corresponding to the clip AV streams, which comprise the information on the jumping-points.

9. The medium according to claim 8, wherein each of the clip information comprises an entry point map comprising information on entry points of a corresponding one of the clip AV streams for random access, and information on whether each of the entry points is a jumping-point.

10. The medium according to claim 6, further comprising playlist information which comprises at least one playitem that corresponds to the clip AV streams.

11. The medium according to claim 6, further comprising playlist information which comprises at least one playitem having angle block information, wherein the angle block information comprises information on whether the playitem is for the motion picture data for different angles.

12. The medium according to claim 11, wherein the angle block information further comprises information on the number of different angles for the motion picture.

13. An information storage medium for storing multi-angle motion picture data corresponding to a motion picture, comprising:

a clip audio-video (AV) stream corresponding to motion picture data for different angles which are interleaved with respect to each other; and

information on jumping-points of the clip AV stream provided in a separate area from that of the clip AV stream, wherein the jumping-points are access points through which the motion picture is reproduced from one angle to another angle.

14. The medium according to claim 13, further comprising clip information corresponding to the clip AV stream, which comprises the information on the jumping-points.

15. The medium according to claim 14, wherein the information on the jumping-points comprises location information corresponding to a start location to each jumping-point, for the clip AV stream.

16. An information storage medium for storing multi-angle motion picture data corresponding to a motion picture, comprising:

clip audio-video (AV) streams corresponding to motion picture data for different angles, which are interleaved with respect to each other; and

a plurality of clip information corresponding to the clip AV streams provided in a separate area from that of the interleaved clip AV streams, wherein each clip information comprises an entry point map comprising information on entry points for random access and information on whether each of the entry points is a jumping-point, wherein the jumping-point is an access point through which the motion picture is reproduced from one angle to another angle.